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PENNSYLVANIA EMPLOYMENT AND EARNINGS

PENNSYLVANIA EMPLOYMENT AND EARNINGS
THIRD QUARTER 1987

RESIDENT UNEMPLOYMENT VIRTUALLY UNCHANGED

Adjusted for seasonal influences, the volume of Pennsylvania residents unemployed moved upward in September. The meager rise in joblessness, together with a decline in resident employment, resulted in a slight rise in the rate of unemployment throughout the Commonwealth. At 5.6 percent, September's rate of unemployment, while 0.1 percentage point above the month-ago level, is a full 1.2 percentage points below the year-ago pace. The volume of unemployment for the first nine months of 1987 has averaged over 317,000 across the Commonwealth. Although September's volume, at 316,000, reveals an addition of 2,000 to the jobless ranks, this most recent total is below the year-to-date average and is 66,000 less than the number recorded in September 1986.

During September, seasonal influences typically play a major role in regulating Pennsylvania's labor force. The beginning of a new school year normally creates an abundance of labor force withdrawals as students leave their summer jobs for the classroom. In this respect, September 1987 was no different, although the movement was more pronounced. Specifically, Pennsylvania's labor force declined by 121,000 in September, an amount more than the seasonal norm. This, in turn, caused the seasonally adjusted labor force to dip, with the overall result being the aforementioned 0.1 percentage point rise in the seasonally adjusted jobless rate to 5.6 percent. This development, however, is not viewed as economically significant and, if anything, underscores a stable economy as the jobless rate has remained below six percent for the past eight months.

The rate of unemployment, not adjusted for seasonality, reveals a pattern of stability similar to the adjusted data. Specifically, the rate of unemployment remained constant at 5.2 percent as the volume of unemployment, at 297,000 in September, moved backward, dropping 6,000 from the total count of August.

The current national unemployment rate (adjusted for seasonality) declined over the month by 0.1 percentage point, dropping to 5.9 percent, the first time the national rate has been below the 6.0 percent mark since November 1979. The monthly drop in the rate was produced, in part, by the reduction of 132,000 from the volume of unemployed to record 7,089,000 jobless within the nation. This most recent level is a reduction of 1,196,000 from the volume recorded in September 1986.

BUR 653 8-87 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

AUGUST UNEMPLOYMENT HIGHLIGHTS

* Pennsylvania's August unemployment rate of 5.2 percent placed the Commonwealth 29th among all states. Louisiana, at 10.3 percent, ranked first with the highest unemployment rate while New Hampshire, at 2.1 percent, again had the lowest rate in the nation.

* Preliminary August unemployment rates among the Commonwealth's 15 Metropolitan Statistical Areas (MSAs) varied from a low of 2.6 percent in Lancaster to a high of 10.1 percent in the Beaver County PMSA.

* At the national level the U.S. Bureau of Labor Statistics ranks 269 MSAs each month on the basis of their unemployment rate. In August the McAllen-Edinburg-Mission (Texas) MSA had the highest jobless rate at 17.7 percent. The lowest rate of 1.7 percent was recorded in the New England MSA of Portland, Maine.

* Pennsylvania's MSAs continued to display representation at both ends of the jobless rate ranking spectrum. Among all MSAs, Lancaster continued to fare extremely well with an August jobless rate of 2.6 percent and a ranking of 261 (out of 269) while Beaver County's 10.1 percent placed this PMSA 15th on the list.

Pennsylvania's employment volume, adjusted for seasonality, remained relatively static as the number of Commonwealth residents employed declined moderately by 24,000. Employment, at 5,359,000 in September, stands at the second highest level on record outstripping the year-ago total by 95,000. Commonwealth employment, not adjusted for seasonal influences, fell as expected to 5,411,000 in September, down 115,000 since August but remaining 99,000 above September 1986.

NONAGRICULTURAL EMPLOYMENT RECORDS ANOTHER ALL-TIME HIGH

Pennsylvania's business establishments continued to surge to new heights as the number of jobs supplied, according to September preliminary data, set a new all-time high. The nonagricultural wage and salary job total, currently at 4,968,100, reveals an addition of 22,700 tc the August count of jobs. September marks the third month of 1987 in which a new all-time high has been attained. In addition, when ranking Pennsylvania's monthly job totals, the top five months appear in 1987. It is important to note that while a forward thrust is to be expected in September, the advance was stronger than anticipated. Currently, there are 120,700 more jobs within Pennsylvania firms than there were one year ago.

Manufacturing jobs increased by 4,100 since August, an amount slightly above seasonal patterns. The rise brought total jobs to 1,046,300 in September. Durable goods rose over the year by 2,300, continuing to display the effects of the settlement of last years labor management

disputes in the primary metals industry line. More specifically, over the past twelve months blast furnaces and basic steel added 6,000 to their count of jobs. Losses within durable goods were whittled away from various industry lines with no standout losses. Over-the-month declines of 400 occurred within miscellaneous machinery (those firms primarily engaged in manufacturing carburetors, pistons and valves), and electrical industrial apparatus (those firms primarily engaged in manufacturing electric motors and power generators). Nondurable goods employment grew moderately, advancing more than the seasonal norm. At 452,600 in September, nondurable jobs were up 1,100 over the month. The most meaningful contribution came in the food and kindred products line which jumped 1,400 over the month. This job gain was partially offset by a decline of 500 within paper and allied products.

Nonmanufacturing exerted the primary influence on total nonagricultural employment by adding 17,400 to August payrolls. The September job volume within nonmanufacturing was 3,918,400, a new high mark for the division. Contributing to the new record were: educational services (+13,600), state and local government (+11,500), transportation (+7,200), and retail trade (+4,600). The increase in state and local government was primarily attributable to the reemployment of bus drivers, cafeteria workers, teachers aids, and other noncertified public school workers. Most notable September losses within nonmanufacturing were attributed to: finance, insurance and real estate (-3,600), federal government (-2,500), and contract construction (-2,200). Seasonal patterns indicate that job losses within each of these industry lines are normal for September; however, the finance, insurance and real estate industry lost more jobs than normal for this time of year.

AVERAGE HOURLY EARNINGS FOR ALL MANUFACTURING PRODUCTION WORKERS BREAK THE $10.00 PER HOUR MARK

September marks the first month in which average hourly earnings among Pennsylvania's manufacturing production workers has exceeded the $10.00 mark. Averaging $10.06 per hour and a 40.8 hour workweek, Pennsylvania's 713,500 production workers' mean weekly earnings amounted to $410.45. Over-the-year the hourly rate advanced 28 cents per hour while the average workweek moved forward two tenths of an hour. The overall result being a rise of $13.38 in weekly earnings over the past twelve months.

The durable goods industry averaged 41.7 hours per week and $10.77 per hour translating into September weekly earnings of $449.11. This compares favorably with nondurable goods whose production workers averaged 39.7 hours per week and $9.12 per hour for an average weekly paycheck of $362.06. The highest hourly earnings for manufacturing came in durable goods where blast furnace and steel mill workers averaged $14.33 per hour. The lowest hourly earnings were within nondurable goods as footwear (except rubber) production workers earned an average of $5.51 per hour. The selected sample in September within nonmanufacturing reveals the highest hourly earnings of $15.49 occurred in the bituminous coal and lignite industry line.

UNITED STATES & PENNSYLVANIA UNEMPLOYMENT RATES
(SEASONALLY ADJUSTED)

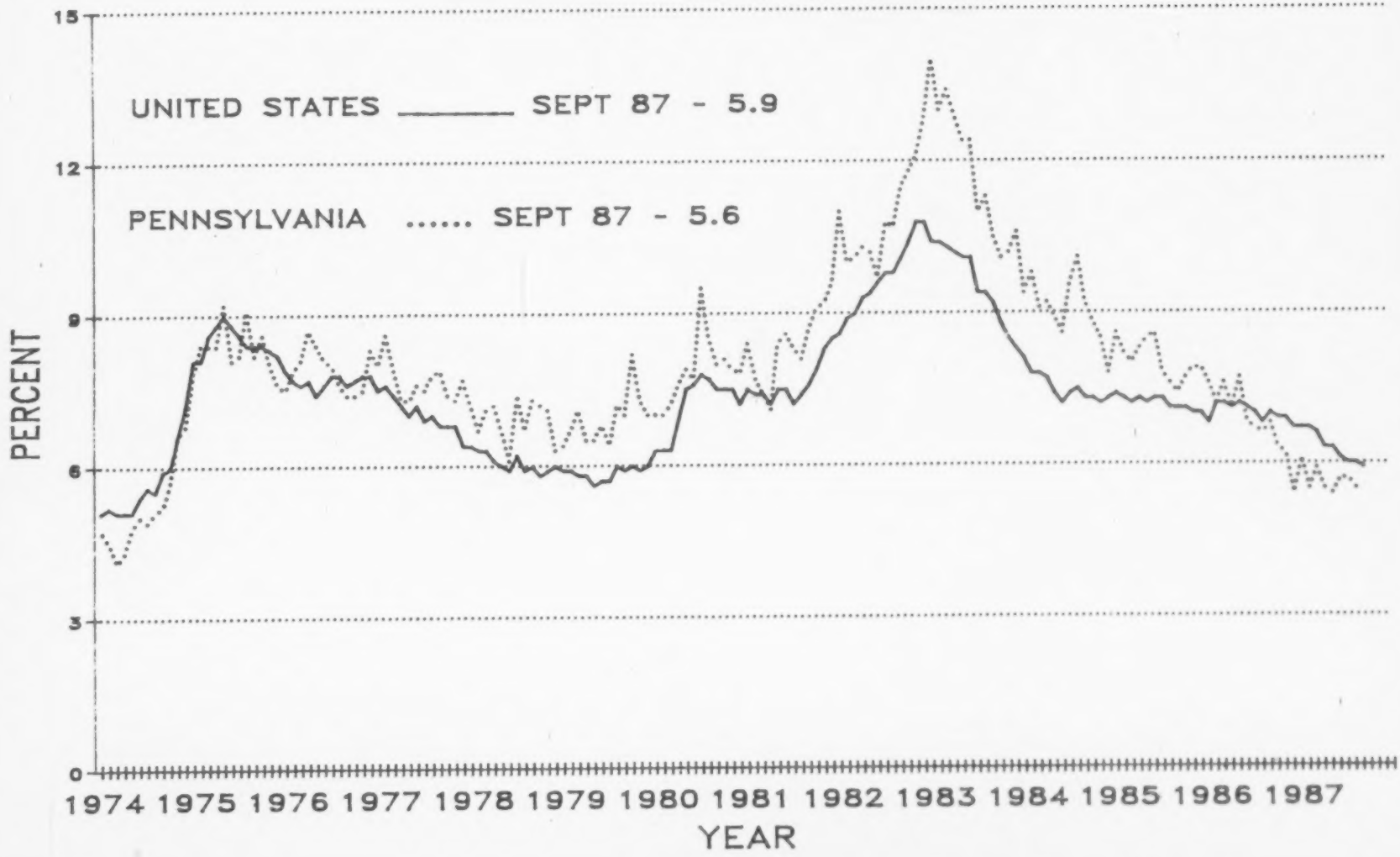

TABLE 1

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
(All Persons in Thousands)

RESIDENT DATA*	SEPT. 1987 P/	AUG. 1987	SEPT. 1986	NET CHANGE FROM: AUG. 1987	NET CHANGE FROM: SEPT. 1986
SEASONALLY ADJUSTED DATA					
Civilian Labor Force	5,675	5,697	5,646	-22.0	29.0
Employment	5,359	5,383	5,264	-24.0	95.0
Unemployment	316	314	382	2.0	-66.0
Rate of Unemployment(%)	5.6	5.5	6.2	0.1	-1.2
UNADJUSTED DATA					
Civilian Labor Force	5,708	5,829	5,677	-121.0	31.0
Employment	5,411	5,526	5,312	-115.0	99.0
Unemployment	297	303	365	-6.0	-68.0
Rate of Unemployment(%)	5.2	5.2	6.4	0.0	-1.2

TABLE 2

QUARTERLY AVERAGE UNEMPLOYMENT NUMBER AND RATE
BY MAJOR LABOR MARKET AREAS IN PENNSYLVANIA:
THIRD QUARTER 1986 AND 1987, SECOND QUARTER 1987

	THIRD QUARTER 1987 P/		SECOND QUARTER 1987		THIRD QUARTER 1986	
LABOR MARKET AREA	UNEMP. NUMBER	UNEMP. RATE	UNEMP. NUMBER	UNEMP. RATE	UNEMP. NUMBER	UNEMP. RATE
UNITED STATES	7,133.0	5.9	7,435.0	6.2	8,182.0	6.9
PENNSYLVANIA	311.0	5.4	310.0	5.5	373.0	6.5
ALLENTOWN-BETHLEHEM MSA	14.1	4.4	13.9	4.5	22.6	7.0
ALTOONA MSA	3.8	6.2	4.1	7.0	4.8	8.0
BEAVER COUNTY MSA	7.1	11.1	6.4	10.3	7.0	10.9
ERIE MSA	9.1	7.0	9.2	7.2	11.0	8.4
HARRISBURG-LEB.-CARLISLE MSA	9.7	3.0	9.9	3.2	13.4	4.3
JOHNSTOWN MSA	7.3	7.5	7.5	8.1	9.0	9.4
LANCASTER MSA	5.9	2.7	5.3	2.5	7.2	3.3
PHILADELPHIA PMSA	113.8	4.7	106.8	4.5	124.6	5.2
PITTSBURGH PMSA	65.5	6.8	65.4	6.9	74.0	7.6
READING MSA	6.8	4.0	7.2	4.3	9.9	5.8
SCRANTON--WILKES-BARRE MSA	22.5	6.5	22.6	6.7	28.5	8.0
SHARON MSA	3.3	6.5	3.2	6.5	3.9	7.8
STATE COLLEGE MSA	2.8	4.8	2.9	5.1	3.2	5.6
WILLIAMSPORT MSA	2.6	4.4	2.7	4.8	3.3	5.9
YORK MSA	7.8	3.7	8.2	4.0	10.7	5.1

P/ Data are preliminary and subject to revision.

* Resident data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor managements disputes.

TABLE 3

PENNSYLVANIA AND UNITED STATES EMPLOYMENT DATA
ANNUAL AVERAGES: 1972-1986, MONTHLY DATA: SEPT.1986 - SEPT.1987
AND QUARTERLY AVERAGES: 1986 AND 1987
(Employment and Unemployment in Thousands)

		[Pennsylvania]					[United States]				
YEAR		CIVILIAN LABOR FORCE	TOTAL EMPLOY-MENT	TOTAL UNEMP. VOLUME	UNADJ. UNEMP. RATE	SEA.ADJ. UNEMP. RATE	CIVILIAN LABOR FORCE	TOTAL EMPLOY-MENT	TOTAL UNEMP. VOLUME	UNADJ. UNEMP. RATE	SEA.ADJ UNEMP. RATE
1972		4,886	4,622	265	5.4		87,034	82,153	4,882	5.6	
1973		5,001	4,758	242	4.8		89,429	85,064	4,365	4.9	
1974		5,054	4,794	259	5.1		91,949	86,794	5,156	5.6	
1975		5,098	4,674	423	8.3		93,775	85,846	7,929	8.5	
1976		5,129	4,723	407	7.9		96,158	88,752	7,406	7.7	
1977		5,207	4,806	401	7.7		99,009	92,017	6,991	7.1	
1978		5,306	4,938	368	6.9		102,251	96,048	6,202	6.1	
1979		5,360	4,990	371	6.9		104,962	98,824	6,137	5.8	
1980		5,435	5,010	425	7.8		106,940	99,303	7,637	7.1	
1981		5,484	5,026	459	8.4		108,670	100,397	8,273	7.6	
1982		5,489	4,889	599	10.9		110,204	99,526	10,678	9.7	
1983		5,505	4,855	650	11.8		111,550	100,834	10,717	9.6	
1984		5,478	4,980	498	9.1		113,544	105,005	8,539	7.5	
1985		5,528	5,084	443	8.0		115,461	107,150	8,312	7.2	
1986		5,634	5,248	386	6.8		117,835	109,598	8,237	7.0	
1986	SEP.	5,677	5,312	362	6.4	6.8	118,244	110,229	8,015	6.8	7.0
	OCT.	5,650	5,325	322	5.7	6.3	118,699	110,857	7,842	6.6	6.9
	NOV.	5,600	5,266	332	6.0	6.2	118,623	110,751	7,872	6.6	6.9
	DEC.	5,479	5,220	256	4.7	5.4	118,049	110,588	7,461	6.3	6.7
1987	JAN	5,490	5,131	359	6.5	6.1	117,703	109,084	8,620	7.3	6.7
	FEB	5,427	5,078	349	6.4	5.5	117,967	109,464	8,503	7.2	6.7
	MAR	5,446	5,106	340	6.2	5.9	118,353	110,229	8,124	6.9	6.6
	APR.	5,459	5,164	295	5.4	5.5	118,347	111,041	7,306	6.2	6.3
	MAY	5,589	5,289	300	5.4	5.4	119,695	112,377	7,318	6.1	6.3
	JUNE	5,713	5,359	354	6.2	5.7	121,153	113,498	7,655	6.3	6.1
	JULY	5,787	5,453	335	5.8	5.7	122,105	114,652	7,453	6.1	6.0
	AUG.	5,829	5,526	303	5.2	5.5	121,614	114,527	7,088	5.8	6.0
	SEP.	5,708	5,411	297	5.2	5.6	119,884	113,027	6,857	5.7	5.9
1986											
1st	QTR.	5,547	5,099	448	8.1	7.5	115,822	107,096	8,727	7.5	7.1
2nd	QTR.	5,660	5,245	416	7.3	7.2	117,720	109,370	8,349	7.1	7.1
3rd	QTR.	5,751	5,378	373	6.5	6.7	119,339	111,192	8,147	6.8	6.9
4th	QTR.	5,576	5,270	306	5.5	6.0	118,457	110,732	7,725	6.5	6.9
1987											
1st	QTR.	5,454	5,105	349	6.4	5.8	118,008	109,592	8,416	7.1	6.7
2nd	QTR.	5,587	5,271	316	5.7	5.5	119,732	112,305	7,426	6.2	6.2
3rd	QTR.	5,774	5,463	311	5.4	5.6	121,201	114,069	7,133	5.9	6.0

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: THIRD QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	SEPT 1987 P/	AUG 1987	JULY 1987	SEPT 1986	---NET CHANGE--- AUG 1987	SEPT 1986
NONAGRICULTURAL WAGE AND SALARY	4968.1	4945.4	4936.9	4847.4	22.7	120.7
MANUFACTURING INDUSTRIES	1046.3	1042.2	1036.3	1046.8	4.1	-0.5
DURABLE GOODS	593.7	590.7	589.6	591.4	3.0	2.3
LUMBER AND WOOD PRODUCTS	30.0	30.1	29.8	28.1	-0.1	1.9
MILLWORK,PLYWOOD & STRUCTURE	10.0	9.9	9.8	8.9	0.1	1.1
OTHER LUMBER & WOOD PRODUCTS	20.0	20.2	20.0	19.2	-0.2	0.8
FURNITURE AND FIXTURES	21.4	21.0	20.7	20.5	0.4	0.9
HOUSEHOLD FURNITURE	9.2	9.0	8.9	8.2	0.2	1.0
OFFICE FURNITURE	5.1	4.9	4.9	5.3	0.2	-0.2
OTHER FURNITURE & FIXTURES	7.1	7.1	6.9	7.0	0.0	0.1
STONE, CLAY, AND GLASS PRODS.	48.7	49.0	48.5	47.4	-0.3	1.3
GLASS, PRESSED OR BLOWN	11.5	11.6	11.3	11.8	-0.1	-0.3
GLASS CONTAINERS	5.5	5.5	5.5	5.8	0.0	-0.3
PRESSED & BLOWN GLASS,NEC	6.0	6.1	5.8	6.0	-0.1	0.0
CEMENT, HYDRAULIC	2.0	2.1	2.1	2.0	-0.1	0.0
STRUCTURAL CLAY	5.1	5.0	5.0	4.6	0.1	0.5
POTTERY & RELATED PRODUCTS	3.6	3.5	3.3	3.4	0.1	0.2
CONCRETE, GYPSUM & PLASTER	9.7	9.7	9.6	8.5	0.0	1.2
OTHER STONE, CLAY & GLASS	16.8	17.1	17.2	17.1	-0.3	-0.3
PRIMARY METALS	93.3	91.8	91.5	86.0	1.5	7.3
BLAST FURNACE & BASIC STEEL	57.9	57.1	56.9	51.9	0.8	6.0
BLAST FURN. & STEEL MILLS	49.5	48.7	48.6	43.8	0.8	5.7
OTHER BASIC STEEL PRODUCTS	8.4	8.4	8.3	8.1	0.0	0.3
IRON AND STEEL FOUNDRIES	10.6	10.3	10.2	9.7	0.3	0.9
NONFERROUS ROLLING & DRAWING	12.3	12.1	12.2	12.2	0.2	0.1
NONFERROUS FOUNDRIES	5.6	5.5	5.4	5.5	0.1	0.1
OTHER PRIMARY METALS	6.9	6.8	6.8	6.7	0.1	0.2
FABRICATED METAL PRODUCTS	90.5	90.0	89.1	92.0	0.5	-1.5
METAL CANS & SHIPPING CONTRS	2.7	2.7	2.6	2.9	0.0	-0.2
CUTLERY, TOOLS & HARDWARE	5.8	5.8	5.7	5.2	0.0	0.6
PLUMBING & HEATING, EXC. EL.	2.4	2.4	2.3	2.2	0.0	0.2
FAB. STRUCTURAL METAL PROD.	33.5	33.2	32.9	33.8	0.3	-0.3
FAB. STRUCTURAL METAL	5.4	5.3	5.4	5.3	0.1	0.1
FAB. PLATE WORK	7.4	7.3	7.2	7.9	0.1	-0.5
OTHER FAB. STRUC. PRODUCTS	20.7	20.6	20.3	20.6	0.1	0.1
SCREW MACHINERY PRODUCTS	6.3	6.3	6.2	6.2	0.0	0.1
METAL FORGINGS & STAMPINGS	14.1	13.9	13.8	15.1	0.2	-1.0
METAL SERVICES & ORDNANCE	7.6	7.8	7.7	8.3	-0.2	-0.7
MISC. FABRICATED METAL PROD.	18.1	17.9	17.9	18.3	0.2	-0.2
VALVES & PIPE FITTINGS	7.2	7.1	7.0	7.1	0.1	0.1

P\ Preliminary data, subject to revision.

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: THIRD QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	SEPT 1987 P/	AUG 1987	JULY 1987	SEPT 1986	---NET CHANGE--- AUG 1987	SEPT 1986
OTHER MISC. FAB. METALS	10.9	10.8	10.9	11.2	0.1	-0.3
NONELECTRICAL MACHINERY	103.9	104.0	103.9	105.4	-0.1	-1.5
ENGINES AND TURBINES	2.6	2.6	2.6	3.1	0.0	-0.5
FARM & GARDEN MACHINERY	3.1	3.1	3.1	3.0	0.0	0.1
CONSTRUCTION & RELATED MACH.	16.0	15.8	15.7	15.8	0.2	0.2
METAL WORKING MACHINERY	16.1	16.1	16.1	16.6	0.0	-0.5
SPECIAL INDUSTRIAL MACHINERY	8.4	8.4	8.4	8.9	0.0	-0.5
GENERAL INDUSTRIAL MACHINERY	20.1	20.1	20.1	19.9	0.0	0.2
OFFICE & COMPUTER MACHINERY	13.8	13.7	13.9	13.9	0.1	-0.1
REFRIG. & SERV. MACHINERY	9.0	9.0	8.9	8.8	0.0	0.2
MISC. MACHINERY, EXC. ELEC.	14.8	15.2	15.1	15.4	-0.4	-0.6
ELECTRIC AND ELECTRONIC MACH.	91.7	92.3	93.1	96.8	-0.6	-5.1
ELECTRICAL DISTRIBUTING EQ.	6.3	6.2	6.3	7.3	0.1	-1.0
ELECTRICAL INDUSTRIAL APPAR.	14.8	15.2	15.7	19.2	-0.4	-4.4
HOUSEHOLD APPLIANCES	2.5	2.6	2.7	2.3	-0.1	0.2
ELECTRICAL LIGHTING & WIRING	18.2	18.1	18.0	19.2	0.1	-1.0
CURRENT CARRYING DEVICES	10.7	10.5	10.5	10.9	0.2	-0.2
OTHER LIGHTING & WIRING	7.5	7.6	7.5	8.3	-0.1	-0.8
COMMUNICATION EQUIPMENT	10.8	10.9	11.2	10.7	-0.1	0.1
ELECTRONIC COMPONENTS & ACC.	29.3	29.4	29.6	32.4	-0.1	-3.1
OTHER ELECTRICAL EQUIPMENT	9.8	9.9	9.6	9.5	-0.1	0.3
TRANSPORTATION EQUIPMENT	58.9	57.5	57.6	59.5	1.4	-0.6
MOTOR VEHICLES AND EQUIPMENT	21.7	21.0	20.9	22.0	0.7	-0.3
MOTOR VEHICLE PARTS & ACC.	11.3	11.2	10.9	10.0	0.1	1.3
OTHER MOTOR VEHICLES & EQ.	10.4	9.8	10.0	12.0	0.6	-1.6
AIRCRAFT AND PARTS	11.3	11.1	11.1	10.9	0.2	0.4
SHIP & BOAT BUILDING & REPR.	3.2	3.2	3.1	2.4	0.0	0.8
RAILROAD EQUIPMENT	7.5	6.9	7.2	8.7	0.6	-1.2
OTHER TRANSPORTATION EQUIP.	15.2	15.3	15.3	15.5	-0.1	-0.3
INSTRUMENTS AND RELATED PROD.	34.5	34.3	34.7	35.4	0.2	-0.9
MEASURING & CONTROLLING DEV.	15.0	14.8	15.1	15.9	0.2	-0.9
MEDICAL INSTRUMENTS & SUPPL.	10.4	10.3	10.4	10.6	0.1	-0.2
OTHER INSTRUMENTS & RELATED	9.1	9.2	9.2	8.9	-0.1	0.2
MISCELLANEOUS MANUFACTURES	20.8	20.7	20.7	20.3	0.1	0.5
NONDURABLE GOODS	452.6	451.5	446.7	455.4	1.1	-2.8
FOOD AND KINDRED PRODUCTS	93.3	91.9	90.7	92.9	1.4	0.4
MEAT PRODUCTS	14.1	14.0	14.2	13.9	0.1	0.2
DAIRY PRODUCTS	10.8	10.9	11.0	10.5	-0.1	0.3
FLUID MILK	5.4	5.4	5.5	5.4	0.0	0.0
OTHER DAIRY PRODUCTS	5.4	5.5	5.5	5.1	-0.1	0.3

P\ Preliminary data, subject to revision.

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: THIRD QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	SEPT 1987 P/	AUG 1987	JULY 1987	SEPT 1986	---NET CHANGE--- AUG 1987	SEPT 1986
PRESERVED FRUIT & VEGETABLES	13.0	12.5	12.3	12.9	0.5	0.1
CANNED FRUITS & VEGETABLES	4.2	3.8	4.0	4.5	0.4	-0.3
OTHER PRES. FRUITS & VEGS.	8.8	8.7	8.3	8.4	0.1	0.4
GRAIN MILL PRODUCTS	5.9	5.9	5.9	5.9	0.0	0.0
BAKERY PRODUCTS	17.0	16.8	16.8	16.8	0.2	0.2
SUGAR & CONFECTION PRODUCTS	14.9	14.2	13.0	14.9	0.7	0.0
BEVERAGES	7.3	7.5	7.6	7.9	-0.2	-0.6
OTHER FOOD & KINDRED PRODS.	10.3	10.1	9.9	10.1	0.2	0.2
TOBACCO PRODUCTS	0.9	0.8	7.0	1.2	0.1	-0.3
TEXTILE PRODUCTS	31.4	31.5	31.2	30.9	-0.1	0.5
WEAVING MILLS SYNTHETICS	4.2	4.2	4.1	4.0	0.0	0.2
KNITTING MILLS	12.5	12.4	12.3	12.8	0.1	-0.3
KNIT OUTERWEAR MILLS	5.2	5.1	5.1	5.4	0.1	-0.2
KNIT UNDERWEAR MILLS	3.3	3.4	3.3	3.3	-0.1	0.0
OTHER KNITTING MILLS	4.0	3.9	3.9	4.1	0.1	-0.1
FLOOR COVERING MILLS	3.6	3.6	3.7	3.4	0.0	0.2
YARN AND THREAD MILLS	2.5	2.6	2.5	2.5	-0.1	0.0
OTHER TEXTILE MILL PRODUCTS	8.6	8.7	8.6	8.2	-0.1	0.4
APPAREL AND RELATED PRODUCTS	86.9	86.7	84.3	94.1	0.2	-7.2
MENS AND BOYS SUITS & COATS	12.0	12.1	11.9	12.0	-0.1	0.0
MENS AND BOYS FURNISHINGS	14.5	14.6	14.1	15.5	-0.1	-1.0
WOMENS AND MISSES OUTERWEAR	35.0	34.8	33.1	39.2	0.2	-4.2
WOMENS & KIDS UNDERGARMENTS	9.9	9.8	9.5	10.3	0.1	-0.4
CHILDRENS OUTERWEAR	5.6	5.6	5.9	6.5	0.0	-0.9
OTHER APPAREL & TEXTILE PROD	9.9	9.8	9.8	10.6	0.1	-0.7
PAPER PRODUCTS	40.5	41.0	40.9	40.2	-0.5	0.3
PAPER MILLS, EXC. BUILDING	9.3	9.6	9.6	9.7	-0.3	-0.4
PAPERBOARD CONTAINER & BOXES	12.5	12.4	12.3	12.3	0.1	0.2
CORRUGATED & SOLID BOXES	6.6	6.6	6.5	6.5	0.0	0.1
OTHER PAPERBOARD PRODUCTS	5.9	5.8	5.8	5.8	0.1	0.1
OTHER PAPER & ALLIED PRODS.	18.7	19.0	19.0	18.2	-0.3	0.5
PRINTING AND PUBLISHING	81.5	81.7	81.3	79.5	-0.2	2.0
NEWSPAPERS	23.2	23.0	22.9	22.6	0.2	0.6
COMMERCIAL PRINTING	29.6	29.7	29.6	28.8	-0.1	0.8
OTHER PRINTING & PUBLISHING	28.7	29.0	28.8	28.1	-0.3	0.6
CHEMICAL AND ALLIED PRODUCTS	58.9	59.0	59.0	58.2	-0.1	0.7
INDUSTRIAL INORGANICS	10.0	10.1	10.0	10.2	-0.1	-0.2
PLASTIC MATERIALS & SYNTHET.	7.9	7.9	8.0	7.7	0.0	0.2
DRUGS	20.2	20.2	20.1	19.6	0.0	0.6
SOAPS, CLEANERS & TOILET GDS	3.6	3.6	3.6	3.7	0.0	-0.1
PAINTS AND ALLIED PRODUCTS	3.9	4.0	4.0	3.8	-0.1	0.1

P\ Preliminary data, subject to revision.

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: THIRD QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	SEPT 1987 P/	AUG 1987	JULY 1987	SEPT 1986	---NET CHANGE--- AUG 1987	SEPT 1986
OTHER CHEMICAL & ALLIED PROD	13.3	13.2	13.3	13.2	0.1	0.1
PETROLEUM AND COAL PRODUCTS	11.0	11.1	11.2	10.6	-0.1	0.4
PETROLEUM REFINING	7.8	7.9	8.0	8.0	-0.1	-0.2
OTHER PETROLEUM & COAL PRODS	3.2	3.2	3.2	2.6	0.0	0.6
RUBBER AND PLASTICS PRODUCTS	37.9	37.5	37.4	37.6	0.4	0.3
TIRES AND INNER TUBES	1.0	1.0	1.0	1.0	0.0	0.0
FABRICATED RUBBER PRODUCTS	4.2	4.2	4.1	4.2	0.0	0.0
OTHER RUBBER & PLASTICS PROD	32.7	32.3	32.3	32.4	0.4	0.3
LEATHER PRODUCTS	10.3	10.3	10.0	10.2	0.0	0.1
FOOTWEAR, EXC. RUBBER	7.8	7.9	7.7	7.9	-0.1	-0.1
OTHER LEATHER PRODUCTS	2.5	2.4	2.3	2.3	0.1	0.2
NONMANUFACTURING INDUSTRIES	3918.4	3901.0	3898.9	3791.9	17.4	126.5
MINING	31.9	31.5	31.3	33.6	0.4	-1.7
ANTHRACITE COAL	2.4	2.2	2.3	2.4	0.2	0.0
BITUMINOUS COAL & LIGNITE	20.3	20.1	19.8	21.8	0.2	-1.5
NONMETALLIC MINERALS	5.3	5.3	5.3	5.1	0.0	0.2
OTHER MINING AND QUARRYING	3.9	3.9	3.9	4.3	0.0	-0.4
CONTRACT CONSTRUCTION	245.2	247.4	244.6	225.3	-2.2	19.9
GENERAL BUILDING CONTRACTORS	73.1	73.8	72.2	62.3	-0.7	10.8
HEAVY CONSTRUCT. CONTRACTORS	43.6	44.2	43.1	40.5	-0.6	3.1
SPECIAL TRADE CONTRACTORS	128.5	129.4	129.3	122.5	-0.9	6.0
TRANSPORTATION	140.4	133.2	132.8	140.6	7.2	-0.2
RAILROAD TRANSPORTATION	20.6	20.6	20.6	21.3	0.0	-0.7
ALL OTHER TRANSPORTATION	119.8	112.6	112.2	119.3	7.2	0.5
PUBLIC UTILITIES	105.3	106.3	106.6	101.5	-1.0	3.8
COMMUNICATIONS	50.7	50.8	50.8	47.9	-0.1	2.8
ELECTRIC, GAS AND SANITARY	54.6	55.5	55.8	53.6	-0.9	1.0
ELECTRIC SERVICES	26.7	26.9	27.0	27.0	-0.2	-0.3
GAS PRODUCTION & DIST.	8.4	8.7	8.8	8.5	-0.3	-0.1
WHOLESALE TRADE	274.4	275.4	274.7	261.7	-1.0	12.7
DURABLE GOODS TRADE	173.5	174.4	173.7	163.9	-0.9	9.6
NONDURABLE GOODS TRADE	100.9	101.0	101.0	97.8	-0.1	3.1
RETAIL TRADE	879.4	874.8	869.5	845.0	4.6	34.4
GENERAL MERCHANDISE STORES	130.5	128.8	129.1	125.1	1.7	5.4
DEPARTMENT STORES	114.6	113.4	113.7	110.1	1.2	4.5
OTHER RETAIL GEN. MERCHAN.	15.9	15.4	15.8	15.0	0.5	0.9
FOOD STORES	151.2	150.5	150.4	148.3	0.7	2.9

P\ Preliminary data, subject to revision.

TABLE 4
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: THIRD QUARTER 1987
(Employment in thousands)

INDUSTRY LINE	SEPT 1987 P/	AUG 1987	JULY 1987	SEPT 1986	---NET CHANGE--- AUG 1987	SEPT 1986
AUTO DEALERS & SERVICE STAT.	96.1	96.1	96.0	90.7	0.0	5.4
APPAREL AND ACCESSORY STORES	48.2	47.9	47.2	47.5	0.3	0.7
EATING AND DRINKING PLACES	266.4	265.9	262.8	259.1	0.5	7.3
MISCELLANEOUS RETAIL TRADE	117.0	115.6	114.5	111.5	1.4	5.5
FINANCE,INSUR. AND REAL ESTATE	288.7	292.3	292.8	281.7	-3.6	7.0
BANKING	88.5	90.1	90.3	87.9	-1.6	0.6
COMMERCIAL & STOCK SAVINGS	81.2	82.7	83.0	80.4	-1.5	0.8
OTHER BANKING	7.3	7.4	7.3	7.5	-0.1	-0.2
INSURANCE CARRIERS	84.4	84.2	84.1	81.1	0.2	3.3
LIFE INSURANCE	32.1	32.0	32.0	31.9	0.1	0.2
FIRE, MARINE & CASUALTY INS	33.8	33.7	33.6	31.9	0.1	1.9
OTHER FIN.,INS.& REAL ESTATE	71.3	73.0	73.3	70.8	-1.7	0.5
SERVICE AND MISCELLANEOUS	1285.5	1281.5	1283.0	1235.9	4.0	49.6
HOTELS & LODGING PLACES	57.9	59.6	59.8	54.9	-1.7	3.0
BUSINESS SERVICES	222.8	222.2	218.8	204.5	0.6	18.3
AMUSEMENT & RECREATION SERV.	45.0	50.8	50.8	44.9	-5.8	0.1
HEALTH SERVICES	419.6	420.6	420.7	405.7	-1.0	13.9
HOSPITALS	228.3	228.6	229.3	223.3	-0.3	5.0
OTHER HEALTH SERVICES	124.0	123.5	123.0	115.3	0.5	8.7
LEGAL SERVICES	36.8	37.1	37.6	34.0	-0.3	2.8
EDUCATIONAL SERVICES	134.7	121.1	122.6	136.3	13.6	-1.6
SOCIAL SERVICES	82.8	82.6	83.7	77.0	0.2	5.8
MISCELLANEOUS SERVICES	60.3	60.1	59.7	57.7	0.2	2.6
ENGINEERING & ARCHITECTURE	35.7	35.8	35.5	34.6	-0.1	1.1
OTHER SERVICES, NEC	225.6	227.4	229.3	220.9	-1.8	4.7
GOVERNMENT	667.6	658.6	663.6	666.6	9.0	1.0
FEDERAL	140.8	143.3	141.2	137.2	-2.5	3.6
STATE	148.4	139.7	139.4	149.5	8.7	-1.1
STATE EDUCATION	40.7	31.4	31.0	41.3	9.3	-0.6
OTHER STATE GOVERNMENT	107.7	108.3	108.4	108.2	-0.6	-0.5
LOCAL	378.4	375.6	383.0	379.9	2.8	-1.5
LOCAL EDUCATION	216.6	186.8	191.2	219.7	29.8	-3.1
OTHER LOCAL GOVERNMENT	161.8	188.8	191.8	160.2	-27.0	1.6
PERSONS IN LABOR-MGMT. DISPUTES	3.4	2.2	1.7	2.1	1.2	1.3

TABLE 5
SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not seasonally adjusted) 1977 = 100.0

INDUSTRY TITLE	SEPT. 1987	AUG. 1987	JULY 1987	SEPT. 1986	[----- ANNUAL AVERAGE ----- 1985	1984	1980	1975]
ALL MANUFACTURING	77.97	77.67	77.23	78.01	80.8	83.4	99.0	99.5
PRIMARY METALS	46.74	45.99	45.84	43.09	53.1	59.3	95.3	103.0
APPAREL	64.85	64.70	62.91	70.22	77.1	85.0	92.6	99.0
ALL NONMANUFACTURING	121.56	121.03	120.96	117.64	112.9	109.4	106.3	96.2
CONSTRUCTION	133.33	134.53	133.01	122.51	105.2	95.5	103.4	100.3
RETAIL TRADE	122.62	121.97	121.24	117.82	11.9	109.2	103.7	93.5
SERVICES	149.04	148.58	148.75	143.29	135.0	128.5	112.9	92.6
GOVERNMENT	93.91	92.64	93.35	93.77	94.9	94.5	101.7	101.5

P/Prelimary data, subject to revision.

TABLE 6
ACTUAL AND REAL GROSS EARNINGS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
ANNUAL AVERAGES

YEAR	WEEKLY EARNINGS	WEEKLY HOURS	HOURLY EARNINGS	HOURLY EARNINGS INDEX (1967=100)	U.S. CONSUMER PRICE INDEX (1967=100)	REAL WEEKLY EARNINGS	LOSSES DUE TO INFLATION
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.27
1984	373.06	40.2	9.28	329.1	311.1	119.92	253.14
1985	381.84	39.9	9.57	339.4	322.2	118.51	263.33
1986	391.55	40.2	9.74	345.4	328.4	119.23	272.32

TABLE 7
EMPLOYMENT,MANHOURS AND PAYROLLS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(in thousands)

INDUSTRY LINE	SEPT. 1987 P/	AUGUST 1987	JULY 1987	SEPT. 1986
EMPLOYMENT DATA:				
MANUFACTURING INDUSTRIES	713.5	707.6	700.7	709.0
DURABLE GOODS	397.7	393.3	391.8	389.6
NONDURABLE GOODS	315.8	314.3	308.9	319.4
WEEKLY MANHOURS:				
MANUFACTURING INDUSTRIES	29,155.1	29,085.3	28,608.8	28,754.4
DURABLE GOODS	16,564.7	16,493.9	16,300.9	16,130.4
NONDURABLE GOODS	12,550.4	12,591.4	12,307.9	12,624.0
WEEKLY PAYROLLS:				
MANUFACTURING INDUSTRIES	$292,918.6	$289,999.1	$284,001.1	$281,232.4
DURABLE GOODS	$178,453.8	$176,467.1	$173,001.8	$170,293.8
NONDURABLE GOODS	$114,464.8	$113,532.0	$110,999.3	$110,938.6

P/ = September data are preliminary and subject to revision.

TABLE 8

AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
MANUFACTURING INDUSTRIES	410.45	409.77	405.14	397.07	40.8	41.1	40.8	40.6	10.06	9.97	9.93	9.78
DURABLE GOODS	449.11	448.33	441.38	437.18	41.7	41.9	41.6	41.4	10.77	10.70	10.61	10.56
LUMBER AND WOOD PRODUCTS	345.69	361.66	359.11	347.33	41.4	42.8	42.7	42.1	8.35	8.45	8.41	8.25
MILLWORK,PLYWOOD & STRUCTURE	359.68	363.62	349.74	376.28	41.2	41.7	40.2	43.3	8.73	8.72	8.70	8.69
OTHER LUMBER & WOOD PRODUCTS	338.64	361.09	363.49	333.66	41.5	43.4	43.9	41.5	8.16	8.32	8.28	8.04
FURNITURE AND FIXTURES	353.16	358.48	344.86	342.34	40.5	41.3	40.1	39.9	8.72	8.68	8.60	8.58
HOUSEHOLD FURNITURE	302.18	299.41	307.20	288.79	39.5	39.5	40.0	38.2	7.65	7.58	7.68	7.56
OFFICE FURNITURE	368.55	404.50	345.59	376.16	39.8	42.4	37.2	41.2	9.26	9.54	9.29	9.13
OTHER FURNITURE & FIXTURES	419.05	415.68	403.94	390.29	42.5	43.3	42.7	41.3	9.86	9.60	9.46	9.45
STONE, CLAY, AND GLASS PRODS.	443.10	443.23	440.73	434.35	42.0	42.7	42.5	42.5	10.55	10.38	10.37	10.22
GLASS, PRESSED OR BLOWN	461.73	451.36	439.42	448.51	41.3	41.6	40.8	41.8	11.18	10.85	10.77	10.73
GLASS CONTAINERS	501.06	485.39	474.21	474.31	42.0	41.7	40.6	41.9	11.93	11.64	11.68	11.32
PRESSED & BLOWN GLASS,NEC	423.46	419.74	404.67	423.26	40.6	41.6	41.0	41.7	10.43	10.09	9.87	10.15
CEMENT, HYDRAULIC	609.30	565.94	568.96	614.40	45.1	43.4	43.8	46.3	13.51	13.04	12.99	13.27
STRUCTURAL CLAY	389.48	385.12	381.92	373.15	41.7	41.5	41.2	41.6	9.34	9.28	9.27	8.97
POTTERY & RELATED PRODUCTS	400.39	394.88	394.00	395.52	39.8	40.5	40.0	41.2	10.06	9.75	9.85	9.60
CONCRETE, GYPSUM & PLASTER	423.64	445.90	446.45	427.81	43.9	46.4	46.7	46.4	9.65	9.61	9.56	9.22
OTHER STONE, CLAY & GLASS	450.28	449.35	451.02	433.54	41.5	41.8	41.8	40.9	10.85	10.75	10.79	10.60
PRIMARY METALS	551.18	535.91	525.41	502.17	43.4	42.6	42.1	40.4	12.70	12.58	12.48	12.43
BLAST FURNACE & BASIC STEEL	614.31	589.88	575.28	547.27	44.1	42.9	42.3	39.6	13.93	13.75	13.60	13.82
BLAST FURN. & STEEL MILLS	636.25	607.16	592.75	565.25	44.4	43.0	42.4	39.5	14.33	14.12	13.98	14.31
OTHER BASIC STEEL PRODUCTS	495.32	491.42	469.48	460.29	42.7	42.4	41.4	40.2	11.60	11.59	11.34	11.45
IRON AND STEEL FOUNDRIES	396.90	394.00	381.64	381.60	42.0	41.3	40.3	40.0	9.45	9.54	9.47	9.54

September 1987 data are preliminary and subject to revision.

TABLE 8

AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
NONFERROUS ROLLING & DRAWING	481.10	483.91	488.32	480.05	42.5	42.9	43.6	43.8	11.32	11.28	11.20	10.96
NONFERROUS FOUNDRIES	386.10	398.62	396.17	423.11	39.6	40.8	40.8	42.1	9.75	9.77	9.71	10.05
OTHER PRIMARY METALS	473.27	472.84	469.11	432.68	43.3	43.3	42.3	40.4	10.93	10.92	11.09	10.71
FABRICATED METAL PRODUCTS	441.00	436.18	424.15	435.12	42.0	41.9	41.3	42.0	10.50	10.41	10.27	10.36
METAL CANS & SHIPPING CONTRS	540.79	539.77	522.10	504.83	47.9	47.1	45.4	46.4	11.29	11.46	11.50	10.88
CUTLERY, TOOLS & HARDWARE	339.63	347.04	354.32	349.52	39.4	40.4	41.2	40.5	8.62	8.59	8.60	8.63
PLUMBING & HEATING, EXC. EL.	437.08	452.32	385.92	442.88	42.6	44.0	39.5	44.2	10.26	10.28	9.77	10.02
FAB. STRUCTURAL METAL PROD.	376.88	382.30	375.46	393.02	40.7	41.6	40.9	41.9	9.26	9.19	9.18	9.38
FAB. STRUCTURAL METAL	421.06	419.92	406.83	440.32	41.2	41.7	40.4	43.9	10.22	10.07	10.07	10.03
FAB. PLATE WORK	454.69	460.82	462.16	447.28	41.0	42.2	41.9	41.3	11.09	10.92	11.03	10.83
OTHER FAB. STRUC. PRODUCTS	339.39	346.93	338.62	361.05	40.5	41.4	40.7	41.5	8.38	8.38	8.32	8.70
SCREW MACHINERY PRODUCTS	432.64	426.63	416.64	461.29	41.6	41.3	40.1	43.6	10.40	10.33	10.39	10.58
METAL FORGINGS & STAMPINGS	621.33	600.24	572.03	580.18	44.7	44.2	43.7	43.2	13.90	13.58	13.09	13.43
METAL SERVICES & ORDNANCE	395.75	377.75	408.18	392.28	39.3	37.7	39.9	40.4	10.07	10.02	10.23	9.71
MISC. FABRICATED METAL PROD.	443.16	435.34	413.50	409.18	42.9	41.9	40.9	41.0	10.33	10.39	10.11	9.98
VALVES & PIPE FITTINGS	441.84	462.46	415.34	398.93	42.0	42.9	40.6	41.0	10.52	10.78	10.23	9.73
OTHER MISC. FAB. METALS	444.14	418.78	411.64	427.85	43.5	41.3	41.0	41.1	10.21	10.14	10.04	10.41
NONELECTRICAL MACHINERY	456.79	464.34	453.00	457.38	42.1	42.6	42.1	42.0	10.85	10.90	10.76	10.89
ENGINES AND TURBINES	546.19	566.32	515.03	606.06	40.7	42.2	40.3	44.4	13.42	13.42	12.78	13.65
FARM & GARDEN MACHINERY	568.32	571.54	572.88	530.67	44.4	44.1	44.0	42.9	12.80	12.96	13.02	12.37
CONSTRUCTION & RELATED MACH.	482.54	469.52	446.26	450.14	43.2	42.8	42.1	40.7	11.17	10.97	10.60	11.06
METAL WORKING MACHINERY	444.11	462.64	459.03	458.11	41.7	42.6	42.7	42.3	10.65	10.86	10.75	10.83
SPECIAL INDUSTRIAL MACHINERY	485.10	473.09	479.25	518.69	46.2	44.8	45.0	45.3	10.50	10.56	10.65	11.45
GENERAL INDUSTRIAL MACHINERY	477.77	494.21	477.66	465.86	41.8	42.9	41.9	41.3	11.43	11.52	11.40	11.28
REFRIG. & SERV. MACHINERY	401.53	412.93	416.94	401.13	40.6	41.5	41.2	40.6	9.89	9.95	10.12	9.88
MISC. MACHINERY, EXC. ELEC.	413.24	418.25	413.50	409.34	41.2	41.7	41.6	41.6	10.03	10.03	9.94	9.84
ELECTRIC AND ELECTRONIC MACH.	408.65	413.06	401.17	404.42	40.5	41.1	40.4	41.1	10.09	10.05	9.93	9.84

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TABLE 8
AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
ELECTRICAL DISTRIBUTING EQ.	441.38	452.83	460.85	448.59	41.6	42.4	43.6	43.3	10.61	10.68	10.57	10.36
ELECTRICAL INDUSTRIAL APPAR.	435.70	438.27	421.31	402.06	42.8	42.8	42.3	42.1	10.18	10.24	9.96	9.55
HOUSEHOLD APPLIANCES	407.68	410.73	367.75	344.45	42.6	42.3	39.8	37.4	9.57	9.71	9.24	9.21
ELECTRICAL LIGHTING & WIRING	387.43	393.01	382.24	369.72	39.9	40.6	39.9	40.1	9.71	9.68	9.58	9.22
CURRENT CARRYING DEVICES	416.98	447.63	423.53	391.94	40.8	43.0	41.0	40.7	10.22	10.41	10.33	9.63
OTHER LIGHTING & WIRING	362.21	347.01	346.21	350.37	39.2	38.6	38.9	39.5	9.24	8.99	8.90	8.87
COMMUNICATION EQUIPMENT	334.14	337.85	344.92	314.00	38.1	38.7	39.6	38.2	8.77	8.73	8.71	8.22
ELECTRONIC COMPONENTS & ACC.	435.09	437.88	427.60	455.10	40.1	41.0	40.0	41.6	10.85	10.68	10.69	10.94
OTHER ELECTRICAL EQUIPMENT	370.36	374.74	347.10	375.78	40.3	40.6	39.0	41.8	9.19	9.23	8.90	8.99
TRANSPORTATION EQUIPMENT	479.97	480.40	488.38	490.42	39.7	40.1	40.8	40.8	12.09	11.98	11.97	12.02
MOTOR VEHICLES AND EQUIPMENT	472.80	469.64	462.95	501.38	39.4	39.8	39.3	41.3	12.00	11.80	11.78	12.14
MOTOR VEHICLE PARTS & ACC.	446.46	430.88	421.36	543.85	37.9	37.5	36.8	43.3	11.78	11.49	11.45	12.56
OTHER MOTOR VEHICLES & EQ.	503.06	516.74	510.62	462.55	41.1	42.6	42.2	39.5	12.24	12.13	12.10	11.71
SHIP & BOAT BUILDING & REPR.	432.13	440.08	447.43	444.61	39.5	40.3	40.2	40.2	10.94	10.92	11.13	11.06
RAILROAD EQUIPMENT	476.25	491.04	517.50	462.08	38.5	39.6	41.6	38.0	12.37	12.40	12.44	12.16
OTHER TRANSPORTATION EQUIP.	500.21	499.66	506.69	463.14	42.9	43.0	45.2	41.8	11.66	11.62	11.21	11.08
INSTRUMENTS AND RELATED PROD.	415.54	418.55	434.73	406.14	40.9	41.4	43.0	40.9	10.16	10.11	10.11	9.93
MEASURING & CONTROLLING DEV.	440.80	449.94	493.68	440.13	40.0	41.7	45.5	41.6	11.02	10.79	10.85	10.58
MEDICAL INSTRUMENTS & SUPPL.	379.22	375.72	372.49	372.49	41.4	40.4	40.4	39.5	9.16	9.30	9.22	9.43
OTHER INSTRUMENTS & RELATED	414.24	414.81	408.39	384.70	41.8	41.9	41.8	41.1	9.91	9.90	9.77	9.36
MISCELLANEOUS MANUFACTURES	407.68	411.73	399.75	390.52	41.6	41.8	41.0	41.5	9.80	9.85	9.75	9.41
NONDURABLE GOODS	362.06	361.70	359.00	347.21	39.7	40.1	39.8	39.5	9.12	9.02	9.02	8.79
FOOD AND KINDRED PRODUCTS	403.10	405.72	394.30	390.86	40.8	41.4	40.4	41.1	9.88	9.80	9.76	9.51
MEAT PRODUCTS	319.50	331.10	330.26	318.71	40.7	41.7	41.7	40.6	7.85	7.94	7.92	7.85
DAIRY PRODUCTS	413.52	397.32	382.35	368.41	43.3	44.0	43.4	42.2	9.55	9.03	8.81	8.73

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TABLE 8

AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
FLUID MILK	472.95	427.23	427.14	401.89	45.0	42.3	42.8	42.8	10.51	10.10	9.98	9.39
OTHER DAIRY PRODUCTS	376.00	379.74	356.97	348.19	42.2	45.1	43.8	41.8	8.91	8.42	8.15	8.33
PRESERVED FRUIT & VEGETABLES	372.80	385.31	339.98	386.64	40.0	41.7	38.2	43.2	9.32	9.24	8.90	8.95
CANNED FRUITS & VEGETABLES	299.87	298.37	287.39	278.85	38.2	38.8	39.1	39.0	7.85	7.69	7.35	7.15
OTHER PRES. FRUITS & VEGS.	409.00	424.84	366.82	449.16	40.9	43.0	37.7	45.6	10.00	9.88	9.73	9.85
GRAIN MILL PRODUCTS	592.02	575.93	566.27	480.11	46.0	45.6	44.8	41.0	12.87	12.63	12.64	11.71
BAKERY PRODUCTS	406.51	397.06	390.91	390.82	38.9	38.7	38.1	39.2	10.45	10.26	10.26	9.97
SUGAR & CONFECTION PRODUCTS	407.48	421.34	413.71	416.70	39.6	39.9	38.2	40.3	10.29	10.56	10.83	10.34
BEVERAGES	558.18	552.42	569.42	493.69	44.3	44.3	45.3	40.4	12.60	12.47	12.57	12.22
OTHER FOOD & KINDRED PRODS.	353.20	353.22	344.27	359.13	40.0	40.6	39.8	42.5	8.83	8.70	8.65	8.45
TOBACCO PRODUCTS	249.45	275.90	254.59	243.58	41.3	44.5	40.8	40.8	6.04	6.20	6.24	5.97
TEXTILE PRODUCTS	269.50	275.80	270.66	279.45	38.5	39.4	39.0	40.5	7.00	7.00	6.94	6.90
WEAVING MILLS SYNTHETICS	302.74	302.17	310.38	313.04	40.8	41.0	42.0	43.0	7.42	7.37	7.39	7.28
KNITTING MILLS	247.59	252.71	246.51	256.80	37.8	38.7	38.1	40.0	6.55	6.53	6.47	6.42
KNIT OUTERWEAR MILLS	226.69	232.09	229.36	252.23	36.8	37.8	37.6	40.1	6.16	6.14	6.10	6.29
KNIT UNDERWEAR MILLS	229.50	229.74	230.57	232.85	37.5	38.1	38.3	39.4	6.12	6.03	6.02	5.91
OTHER KNITTING MILLS	289.20	296.68	283.28	280.19	39.4	40.2	38.7	40.2	7.34	7.38	7.32	6.97
FLOOR COVERING MILLS	357.19	374.99	339.70	381.48	36.3	38.5	36.1	40.8	9.84	9.74	9.41	9.35
YARN AND THREAD MILLS	220.06	230.66	236.61	237.19	36.8	38.0	39.9	39.4	5.98	6.07	5.93	6.02
OTHER TEXTILE MILL PRODUCTS	271.86	278.07	273.34	281.07	39.4	40.3	39.5	40.5	6.90	6.90	6.92	6.94
APPAREL AND RELATED PRODUCTS	213.71	212.76	212.06	205.91	35.5	36.0	35.7	34.9	6.02	5.91	5.94	5.90
MENS AND BOYS SUITS & COATS	268.60	256.33	245.16	253.69	37.1	35.7	37.9	34.8	7.24	7.18	7.34	7.29
MENS AND BOYS FURNISHINGS	208.00	211.84	216.41	200.22	35.8	37.1	37.9	34.7	5.81	5.71	5.71	5.77
WOMENS AND MISSES OUTERWEAR	192.81	195.84	200.45	191.62	33.3	34.6	34.8	33.5	5.79	5.66	5.76	5.72
WOMENS & KIDS UNDERGARMENTS	216.40	212.52	202.17	211.14	38.3	38.5	37.3	39.1	5.65	5.52	5.42	5.40
CHILDRENS OUTERWEAR	200.75	195.50	195.05	184.28	34.2	34.0	34.4	32.5	5.87	5.75	5.67	5.67
OTHER APPAREL & TEXTILE PROD	233.96	231.04	227.02	220.00	38.8	38.7	37.9	37.8	6.03	5.97	5.99	5.82

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TABLE 8

AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
PAPER PRODUCTS	485.00	470.99	467.35	452.55	44.7	44.1	43.8	43.1	10.85	10.68	10.67	10.50
PAPER MILLS, EXC. BUILDING	600.45	588.17	572.62	550.18	50.5	50.1	48.9	47.8	11.89	11.74	11.71	11.51
PAPERBOARD CONTAINER & BOXES	431.40	431.64	423.85	415.65	43.4	43.6	42.9	42.5	9.94	9.90	9.88	9.78
CORRUGATED & SOLID BOXES	442.51	453.26	446.86	435.44	43.9	44.7	44.2	43.5	10.08	10.14	10.11	10.01
OTHER PAPERBOARD PRODUCTS	418.58	408.74	399.65	394.96	42.8	42.4	41.5	41.4	9.78	9.64	9.63	9.54
OTHER PAPER & ALLIED PRODS.	479.37	455.15	459.88	440.99	43.5	42.3	42.7	41.8	11.02	10.76	10.77	10.55
PRINTING AND PUBLISHING	435.60	435.37	432.00	426.87	40.0	40.2	40.0	40.5	10.89	10.83	10.80	10.54
NEWSPAPERS	454.50	431.87	421.82	399.85	36.1	34.8	34.1	33.1	12.59	12.41	12.37	12.08
COMMERCIAL PRINTING	453.58	466.35	457.44	459.88	40.9	41.9	41.1	42.7	11.09	11.13	11.13	10.77
OTHER PRINTING & PUBLISHING	402.29	400.98	406.58	398.82	40.8	41.0	41.7	41.5	9.86	9.78	9.75	9.61
CHEMICAL AND ALLIED PRODUCTS	498.04	495.10	498.93	488.62	42.1	42.1	42.9	42.6	11.83	11.76	11.63	11.47
INDUSTRIAL INORGANICS	532.82	508.78	480.80	501.90	44.7	43.3	41.7	42.0	11.92	11.75	11.53	11.95
PLASTIC MATERIALS & SYNTHET.	601.87	590.08	604.70	569.84	45.7	44.3	45.5	43.8	13.17	13.32	13.29	13.01
DRUGS	512.12	525.73	518.36	529.10	41.2	42.5	42.7	43.8	12.43	12.37	12.14	12.08
SOAPS, CLEANERS & TOILET GDS	483.78	488.17	485.18	460.65	43.9	44.5	44.8	42.3	11.02	10.97	10.83	10.89
PAINTS AND ALLIED PRODUCTS	480.48	459.68	518.87	457.63	41.6	40.5	44.5	42.1	11.55	11.35	11.66	10.87
OTHER CHEMICAL & ALLIED PROD	427.79	424.12	435.01	420.43	39.5	39.6	41.0	41.3	10.83	10.71	10.61	10.18
PETROLEUM AND COAL PRODUCTS	557.11	554.93	581.85	565.90	41.7	42.2	45.0	43.1	13.36	13.15	12.93	13.13
PETROLEUM REFINING	603.83	590.20	620.27	591.47	41.5	41.1	44.4	41.8	14.55	14.36	13.97	14.15
OTHER PETROLEUM & COAL PRODS	421.00	451.10	466.00	474.57	42.1	45.2	46.6	47.6	10.00	9.98	10.00	9.97
RUBBER AND PLASTICS PRODUCTS	385.42	379.80	377.16	359.31	42.4	42.2	42.0	41.3	9.09	9.00	8.98	8.70
TIRES AND INNER TUBES	375.76	391.92	382.14	357.08	44.0	45.1	44.8	45.2	8.54	8.69	8.53	7.90
FABRICATED RUBBER PRODUCTS	501.56	489.98	513.52	432.82	46.7	46.4	48.4	42.6	10.74	10.56	10.61	10.16
OTHER RUBBER & PLASTICS PROD	374.64	368.63	365.15	352.64	42.0	41.7	41.4	41.1	8.92	8.84	8.82	8.58

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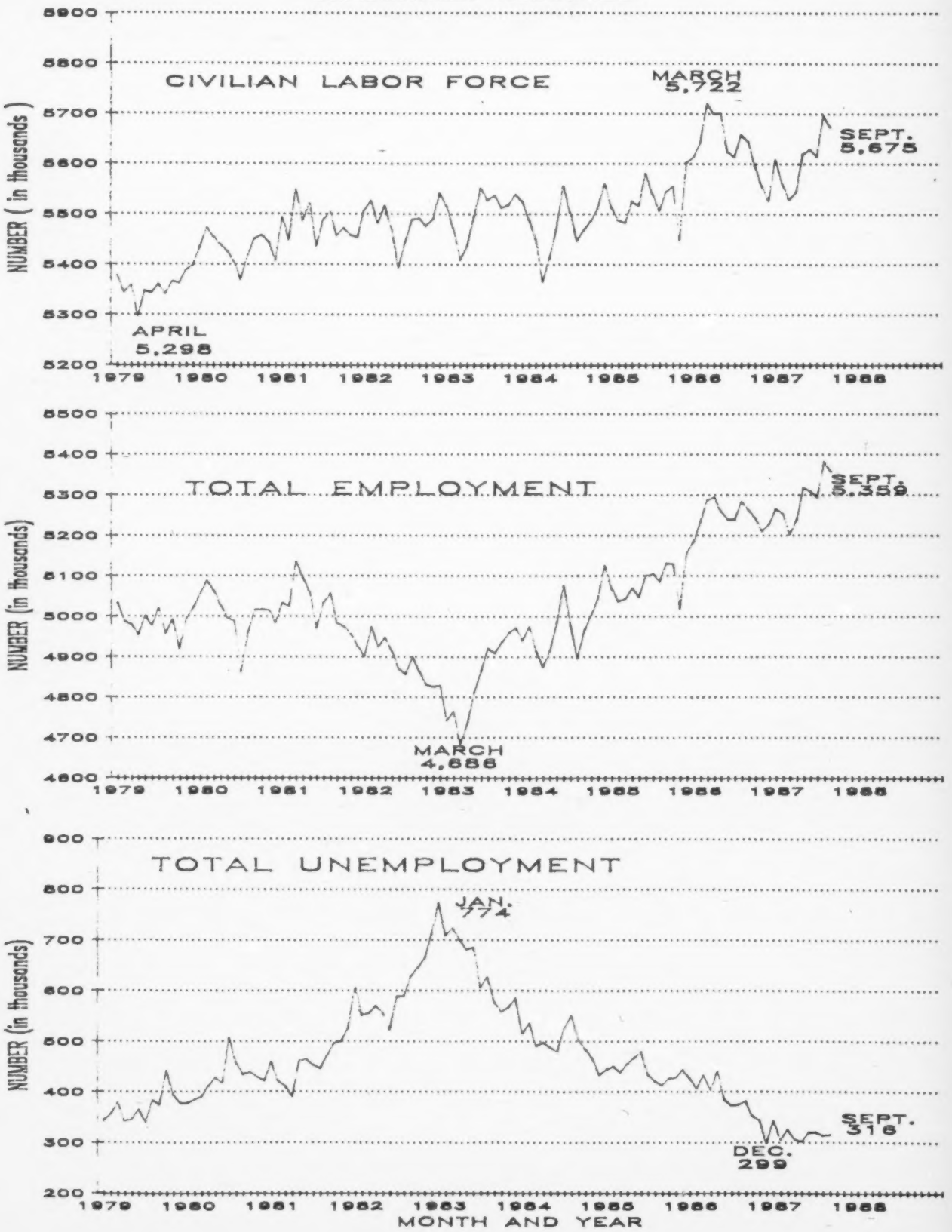
TABLE 8

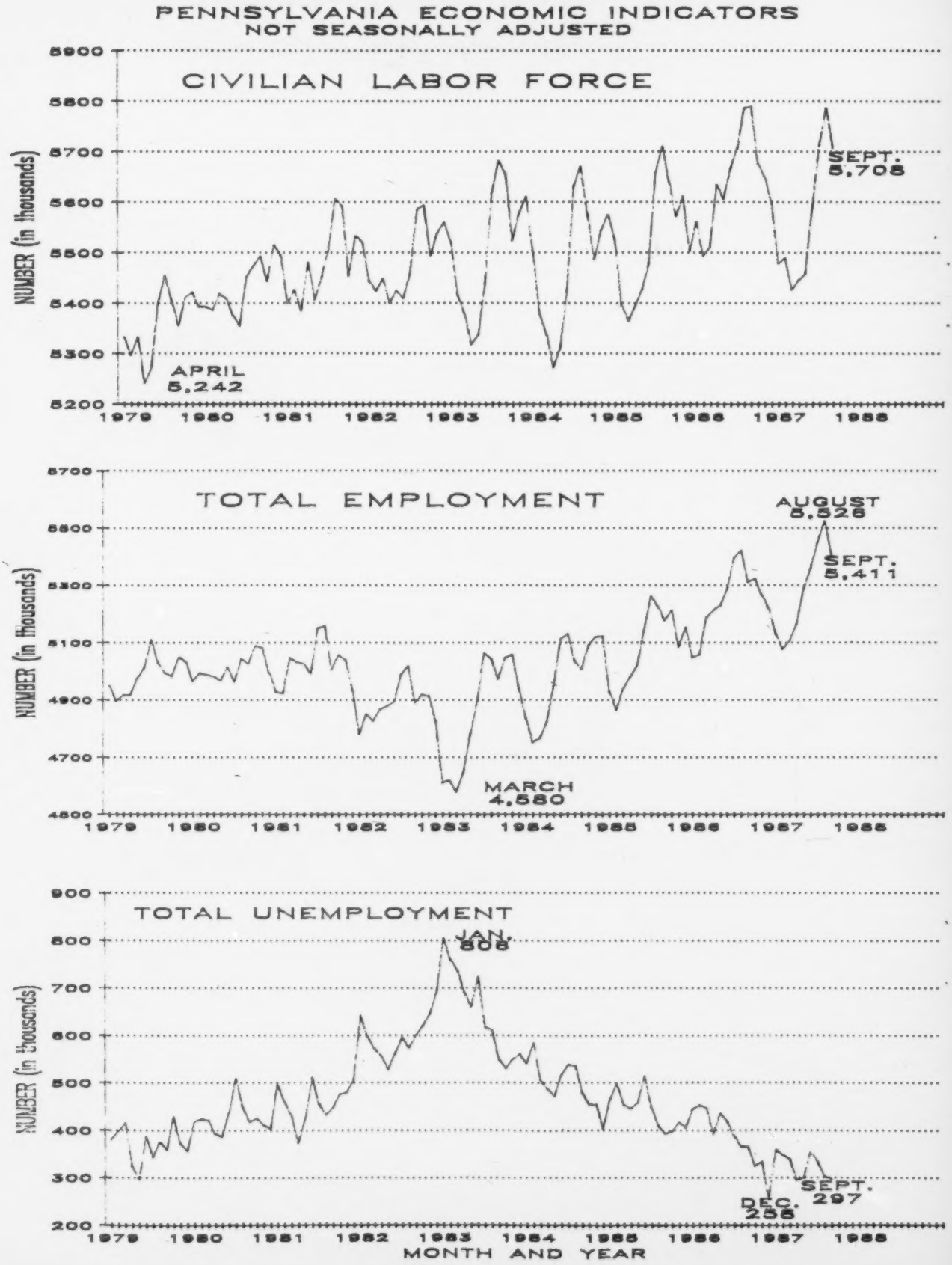
AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: THIRD QUARTER 1987
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986	SEPT. 1987 P\	AUG. 1987	JULY 1987	SEPT. 1986
LEATHER PRODUCTS	230.81	228.73	230.69	204.74	37.9	38.9	39.1	35.3	6.09	5.88	5.90	5.80
FOOTWEAR, EXC. RUBBER	203.87	201.93	207.31	182.09	37.0	38.1	37.9	34.1	5.51	5.30	5.47	5.34
OTHER LEATHER PRODUCTS	325.58	325.31	320.60	289.41	40.8	41.6	43.5	39.7	7.98	7.82	7.37	7.29
NONMANUFACTURING INDUSTRIES												
MINING												
ANTHRACITE COAL	410.99	424.13	368.20	404.79	35.4	36.5	32.7	36.9	11.61	11.62	11.26	10.97
BITUMINOUS COAL & LIGNITE	656.78	641.44	625.95	601.56	42.4	42.2	41.1	40.4	15.49	15.20	15.23	14.89
NONMETALLIC MINERALS	458.54	491.64	479.08	492.47	45.4	48.2	48.1	49.1	10.10	10.20	9.96	10.03
PUBLIC UTILITIES												
COMMUNICATIONS	555.42	539.08	539.98	555.07	40.9	40.2	40.6	41.3	13.58	13.41	13.30	13.44
ELECTRIC, GAS AND SANITARY	659.19	640.07	630.63	622.14	43.0	42.7	42.9	42.7	15.33	14.99	14.70	14.57
ELECTRIC SERVICES	642.86	621.40	620.08	603.64	42.8	42.1	42.5	42.6	15.02	14.76	14.59	14.17
GAS PRODUCTION & DIST.	541.31	523.98	528.71	518.20	40.7	41.0	41.5	40.9	13.30	12.78	12.74	12.67
RETAIL TRADE												
GENERAL MERCHANDISE STORES	197.09	186.97	183.29	176.54	30.7	30.5	29.9	28.8	6.42	6.13	6.13	6.13

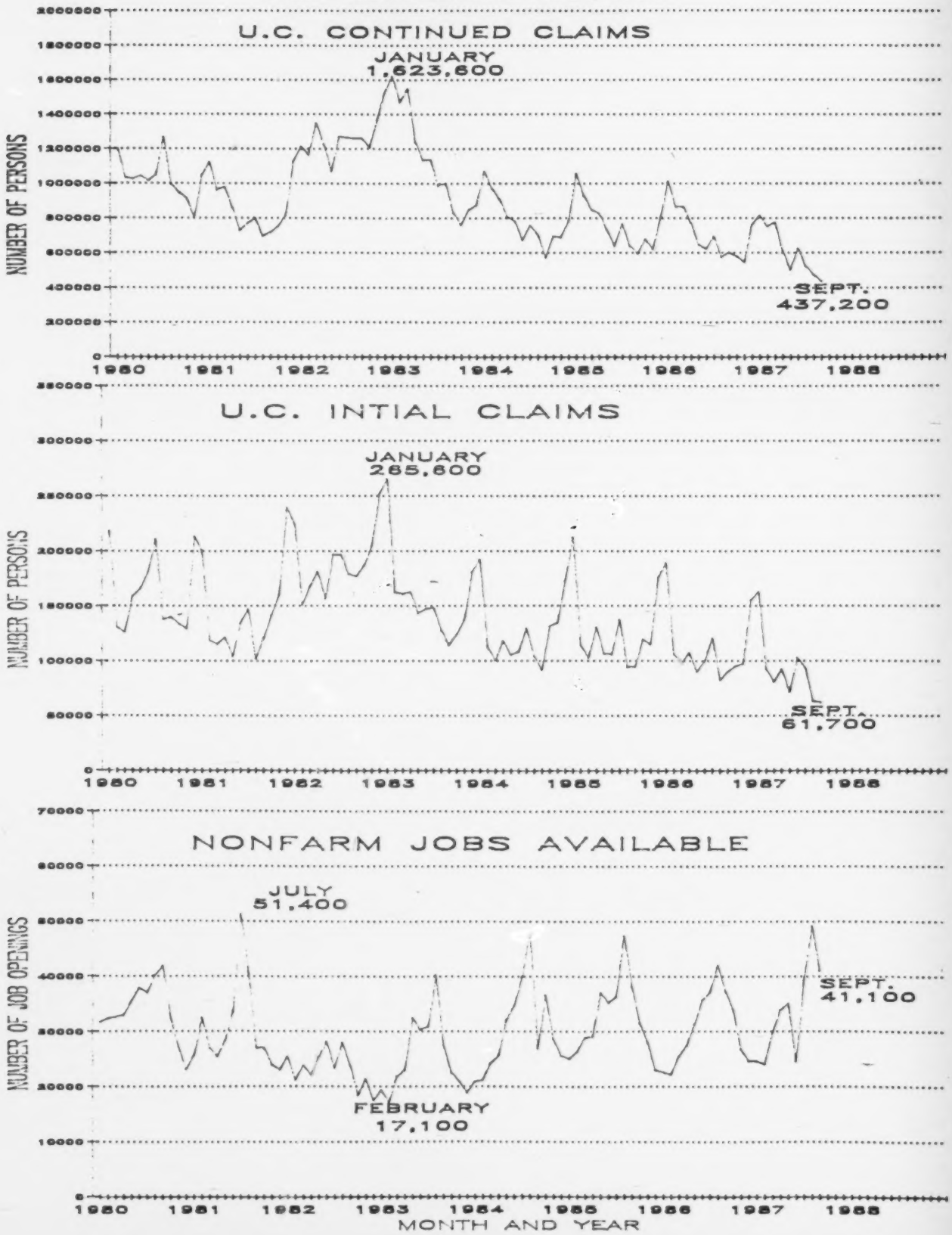
PENNSYLVANIA ECONOMIC INDICATORS

SEASONALLY ADJUSTED

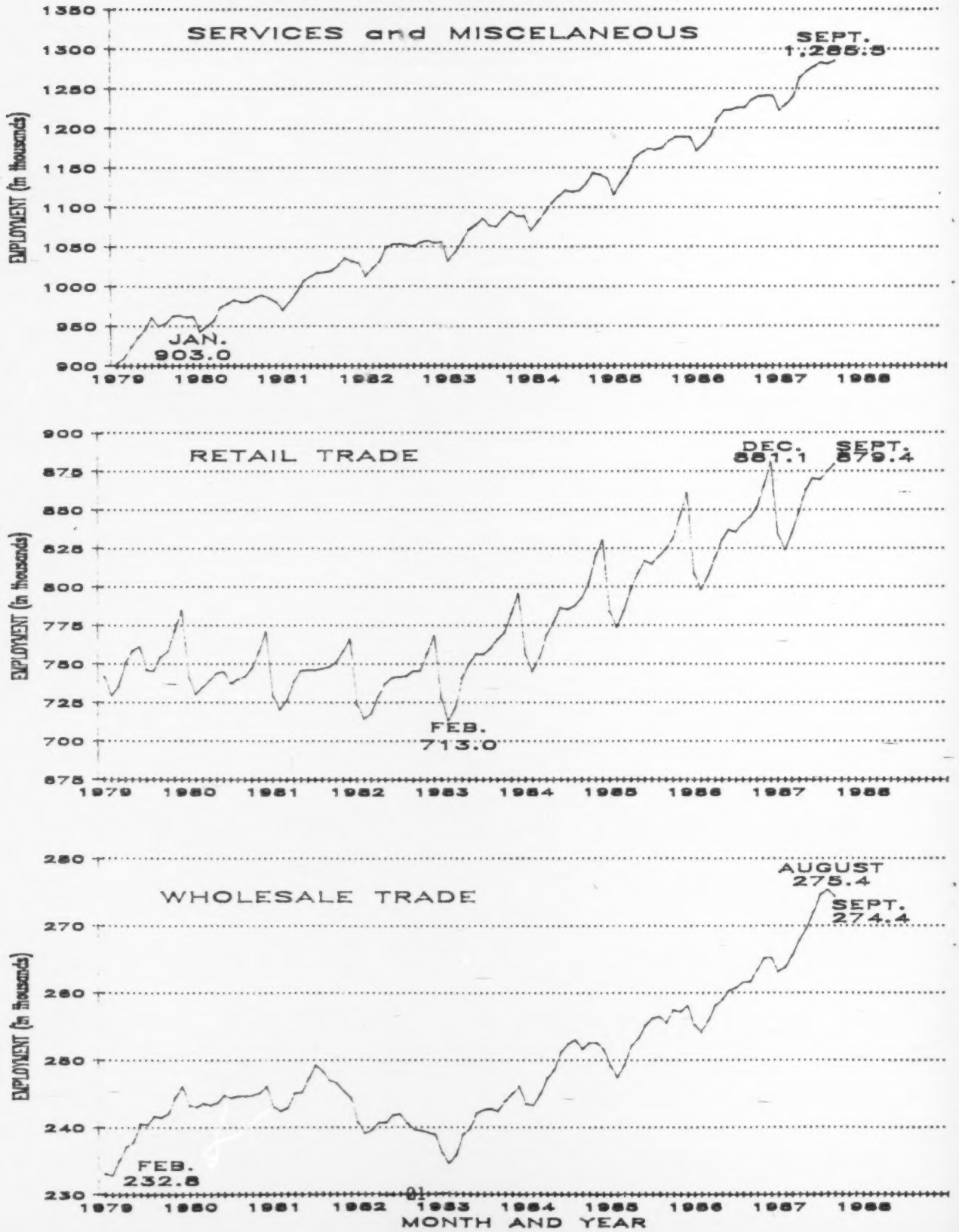



PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED
CIVILIAN LABOR FORCE
NUMBER (in thousands)
5900
5800
5700
5600
5500
5400
5300
5200
APRIL
5,242
SEPT.
5,708
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988
TOTAL EMPLOYMENT
NUMBER (in thousands)
5700
5600
5500
5400
5300
5200
5100
5000
4900
4800
4700
4600
MARCH
4,580
AUGUST
5,528
SEPT.
5,411
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988
TOTAL UNEMPLOYMENT
NUMBER (in thousands)
900
800
700
600
500
400
300
200
JAN.
808
DEC.
258
SEPT.
297
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988
MONTH AND YEAR

PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED



PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED



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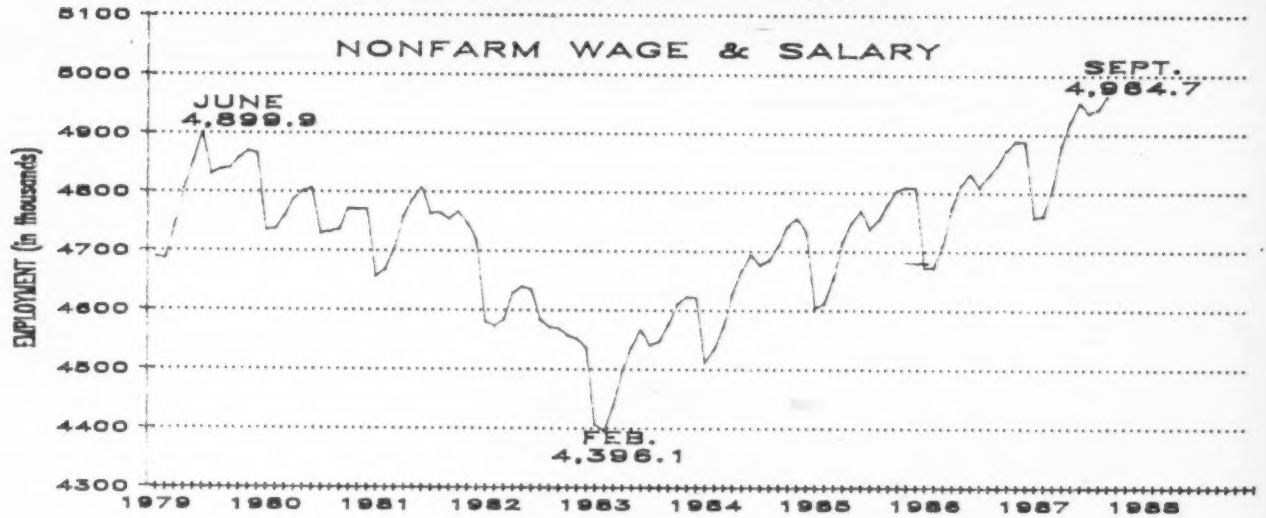
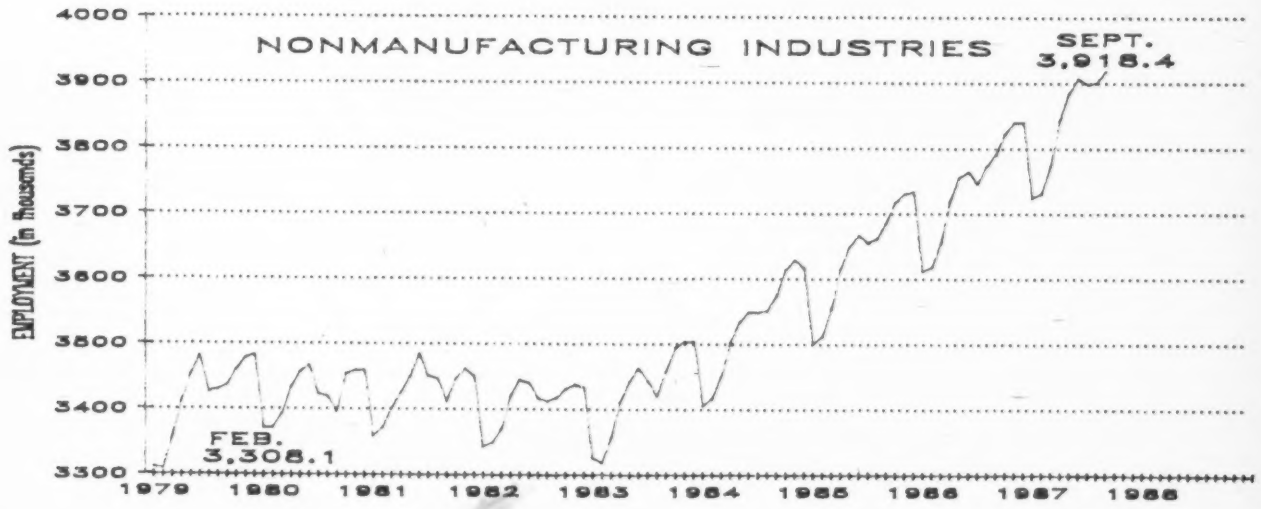
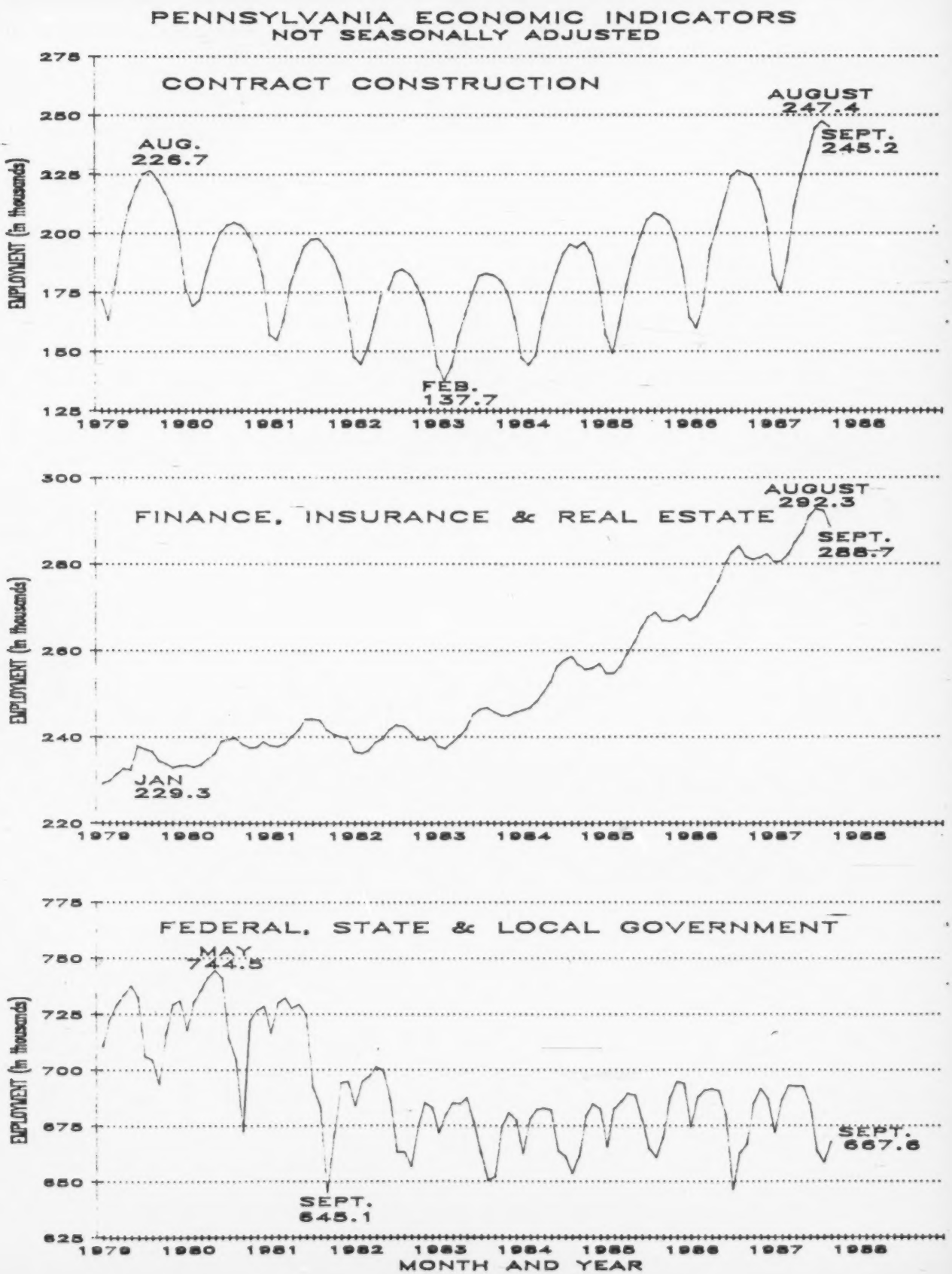
NOT SEASONALLY ADJUSTED






PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED
CONTRACT CONSTRUCTION
AUGUST
247.4
SEPT.
245.2
AUG.
226.7
FEB.
137.7
EMPLOYMENT (in thousands)
278
250
225
200
175
150
125
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
FINANCE, INSURANCE & REAL ESTATE
AUGUST
292.3
SEPT.
288.7
JAN
229.3
EMPLOYMENT (in thousands)
300
280
260
240
220
FEDERAL, STATE & LOCAL GOVERNMENT
MAY
744.5
SEPT.
667.6
SEPT.
645.1
EMPLOYMENT (in thousands)
775
750
725
700
675
650
625
MONTH AND YEAR

PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED